



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

646.4001

Job Sheet 196013



Part No: 646.4001

Job Qty: 1 pcs

Part Name: AS350 Cable Cutter System



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 6/4/19

Job Tracking No:

Due Date: 7/2/19

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV C1 IPP REV:A 12.10.23 NEW ISSUE DD VERF:JLM IPP REV:B 15.01.08 AS PER DWG REV.B
DD VERF:JLM IPP REV:C 16.01.07 AS PER DWG REV.C DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Packaging 1 - Pick Kit	1 pcs	7/2/19	0.00	0.00		Packaging 1 - 1		Oscar
							Packaging 1 - 2		
							Packaging 1 - 3		
							Packaging 1 - 4		
							Packaging 1 - 5		
							Packaging 1 - 6		
							Packaging 1 - 7		
							Packaging 1 - 8		
							Packaging 1 - 9		
							Packaging 1 - 10		
							Packaging 1 - 11		
							Packaging 1 - 12		
							Packaging 1 - 13		
							Packaging 1 - 14		
							Packaging 1 - 15		
							Packaging 1 - 16		
							Packaging 1 - 17		
							Packaging 1 - 18		
							Packaging 1 - 19		
							Packaging 1 - 20		
							Packaging 1 - 21		
							Packaging 1 - 22		
							Packaging 1 - 23		
							Packaging 1 - 24		
							Packaging 1 - 25		
							Packaging 1 - 26		
							Packaging 1 - 27		
							Packaging 1 - 28		
							Packaging 1 - 29		
							Packaging 1 - 30		



Container No: S192862



Part: 646.4001

Job No: 196013

Serial No/Batch: S192862

Revision:

Inspector:

Exp Date: 11/19/2019

Instructions: FAA STC SR02180LA 14/08/07-TC SH09-

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CANADA
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Email: sales@dartaero.com
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					Packaging 1 - 31	
					Packaging 1 - 32	
					Packaging 1 - 33	
					Packaging 1 - 34	
					Packaging 1 - 35	
					Packaging 1 - 36	
120 QC 4	1 pcs	7/2/19	0.00 0.00		QC 4 - 28	
					QC 4 - 58	
					QC 4 - 69	DAS
					QC 4 - 9	75
					QC 4 - 46	9-89
					QC 4 - 68	
					QC 4 - 72	JUL 1 2019
130 Packaging 3-1 - Stock - B4B	1 pcs	7/2/19	0.00 0.00		QC 4 - 74	JUL 1 6 2019
					Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	DAS
					Packaging 3 - 7 - B4B	75
					Packaging 3 - 8 - B4B	9-89
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	JUL 1 2019
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	JUL 1 6 2019
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
135 DC - 1 - B4B	1 pcs	7/2/19	0.00 0.00		DC - 1 - B4B	
					DC - 2 - B4B	JUL 1 6 2019
140 QC 21 - FG	1 pcs	7/2/19	0.00 0.00		QC 21 - FG - 21	
					QC 21 - FG - 70	JUL 1 6 2019
					QC 21 - FG - 53	DAS 70 9-89

Part Op 110 - pick kit

Descriptions: 120 - QC4- 100% Inspect kits for completeness

130 - Identify and pack for shipping as per PPP 646.4001 Location: F6102

135 - Document Control - Photocopy bluefile & type labels per PPP 646.4001

140 - QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
600.0129 CCK046	VHB Tape 10/31/2019	8 ft (8 ea) ✓	110-Packaging 1 - Pick Kit	5158040 ✓
600.0990 LG050	Magnabond 6398 Part A Size 112 ml	1 Ea (1 ea) ✓	110-Packaging 1 - Pick Kit	5166165 ✓
600.0991 LG050	Magnabond 6398 Part B Size 112 ml	1 Ea (1 ea) ✓	110-Packaging 1 - Pick Kit	5166167 ✓
11/196 600.1012 CCK017	Sealant PR1425B2 (#654 sem)	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5166686 ✓
600.1013 CCK096	021200-3M Tape Primer 94 Primer 24216	5 Ea (5 ea) ✓	110-Packaging 1 - Pick Kit	5136734 ✓
646.2910 CCK050	Deflector	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5160938 ✓
646.3001 CCK023	Lower Cable Cutter Assembly	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5181846 ✓
646.3110 CCK020	Channel	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5154342 ✓
646.3210 CCK020	Support	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5153194 ✓
646.3301 CCK018	Upper Cutter Assembly	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5188132 ✓
646.3510 CCK103	Strut	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5127740 ✓
646.3511 CCK103	Strut	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5127662 ✓
646.3610 CCK103	Filler	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5172257 ✓
646.3710 CCK006	Doubler	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5059684 ✓
646.3711 CCK104	Clip ✓	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5183057 ✓ OK
646.3712 CCK104	Clip	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5128050 ✓
646.3713 CCK104	Gusset	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5143783 ✓
646.3714 CCK104	Gusset	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5145099 ✓
646.3715 CCK105	Strut Doubler	2 pcs (2 ea) ✓	110-Packaging 1 - Pick Kit	5169112 ✓
646.3716 CCK105	Gauge Bracket	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5063780 ✓
646.3717 CCK105	Doubler	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5143796 ✓
646.3718 CCK105	Custom Washer	2 pcs (2 ea) ✓	110-Packaging 1 - Pick Kit	5170684 ✓
646.3719 CCK105	Doubler	2 pcs (2 ea) ✓	110-Packaging 1 - Pick Kit	5169110 ✓
646.3810 CCK105	Bracket	2 pcs (2 ea) ✓	110-Packaging 1 - Pick Kit	5166909 ✓
646.3811 CCK105	Radius Block	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5169526 ✓
646.3812 CCK105	Gusset Bracket	2 pcs (2 ea) ✓	110-Packaging 1 - Pick Kit	5167082 ✓
646.3813 CCK105	AS350 Strut Bracket	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5131319 ✓
646.3910 CCK105	Shim	4 pcs (4 ea) ✓	110-Packaging 1 - Pick Kit	5185679 ✓
646.3911 CCK105	Shim	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5133609 ✓
646.3912 CCK105	Shim	4 pcs (4 ea) ✓	110-Packaging 1 - Pick Kit	5185667 ✓
646.3913 CCK105	Shim	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5185683 ✓
646.9410 CCK011	Shim	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5056998 ✓
647.0112 CCK106	Strut Bracket	2 pcs (2 ea) ✓	110-Packaging 1 - Pick Kit	5162319 ✓
647.7703 CCK114	Strut Assembly	2 pcs (2 ea) ✓	110-Packaging 1 - Pick Kit	5173404 ✓
650.9201 CCK126	Eyelet Bracket Assembly	2 pcs (2 ea) ✓	110-Packaging 1 - Pick Kit	5145508 ✓
AN3-11A ST349	Bolt	10 Ea (10 ea) ✓	110-Packaging 1 - Pick Kit	5166719 ✓
AN3-12A ST349	Bolt	2 Ea (2 ea) ✓	110-Packaging 1 - Pick Kit	5133162 ✓
AN3-13A ST349	Bolt	1 Ea (1 ea) ✓	110-Packaging 1 - Pick Kit	5098032 ✓
AN3-3A ST350	Bolt	4 Ea (4 ea) ✓	110-Packaging 1 - Pick Kit	5183164 ✓
AN3-4A ST350	Bolt	10 Ea (10 ea) ✓	110-Packaging 1 - Pick Kit	5149126 ✓
AN3-5A ST350	Bolt	2 Ea (2 ea) ✓	110-Packaging 1 - Pick Kit	5149158 ✓
AN3-6A ST350	Bolt	2 Ea (2 ea) ✓	110-Packaging 1 - Pick Kit	5149185 ✓
AN316C4R ST331	Nut, Jam	2 Ea (2 ea) ✓	110-Packaging 1 - Pick Kit	5180977 ✓
AN44-5A ST339	Eyebolt	2 Ea (2 ea) ✓	110-Packaging 1 - Pick Kit	5131213 ✓
AN407A ST345	Bolt	2 Ea (2 ea) ✓	110-Packaging 1 - Pick Kit	5179222 ✓
AN665-34R ST330	Clevis	2 Ea (2 ea) ✓	110-Packaging 1 - Pick Kit	5167337 ✓
CCR264SS3-02	Cherry Rivet ST321	36 Ea (36 ea) ✓	110-Packaging 1 - Pick Kit	5156967 ✓
CR3213-5-3 ST319	Cherry Rivet	14 Ea (14 ea) ✓	110-Packaging 1 - Pick Kit	5181023 ✓
MS20426AD5-7	Rivet ST311	2 Ea (2 ea) ✓	110-Packaging 1 - Pick Kit	5113392-36 ✓
MS20470AD5-5-5	Rivet ST309	8 Ea (8 ea) ✓	110-Packaging 1 - Pick Kit	5155675 ✓
MS20470AD5-6	Rivet ST309	8 Ea (8 ea) ✓	110-Packaging 1 - Pick Kit	5048897 ✓
MS20470AD5-7	Rivet ST309	3 Ea (3 ea) ✓	110-Packaging 1 - Pick Kit	5123425 ✓
MS21042L08	Nut ST303	2 Ea (2 ea) ✓	110-Packaging 1 - Pick Kit	5157102 ✓
MS21042L3	Nut ST303	63 Ea (63 ea) ✓	110-Packaging 1 - Pick Kit	5166712 ✓
MS21042L4	Nut ST303	2 Ea (2 ea) ✓	110-Packaging 1 - Pick Kit	5157064 ✓
MS21047-3	Nut Plate ST301	18 Ea (18 ea) ✓	110-Packaging 1 - Pick Kit	5142146 ✓
MS24693-C278	Screw ST287	5 Ea (5 ea) ✓	110-Packaging 1 - Pick Kit	5157617 ✓
MS24694-S51	Screw ST284	5 Ea (5 ea) ✓	110-Packaging 1 - Pick Kit	5133373 ✓
MS24694-S54	Screw ST284	2 Ea (2 ea) ✓	110-Packaging 1 - Pick Kit	5152667 ✓

MS24694-S55	Screw	ST 283	3 Ea (3 ea) ✓	110-Packaging 1 - Pick Kit	5142492 ✓
MS27039-08-13	Screw	ST 278	2 Ea (2 ea) ✓	110-Packaging 1 - Pick Kit	5123937 ✓
MS27039-1-10	Screw	ST 280	2 Ea (2 ea) ✓	110-Packaging 1 - Pick Kit	5157316 ✓
MS27039-1-12	Screw	ST 280	6 Ea (6 ea) ✓	110-Packaging 1 - Pick Kit	5174154 ✓
MS27039-1-16	Screw	ST 280	24 Ea (24 ea) ✓	110-Packaging 1 - Pick Kit	5157063 ✓
MS27039-1-19	Screw	ST 280	22 Ea (22 ea) ✓	110-Packaging 1 - Pick Kit	5156840 ✓
MS27039-1-20	Screw	ST 280	2 Ea (2 ea) ✓	110-Packaging 1 - Pick Kit	5182772 ✓
MS27039-1-21	Screw	ST 280	4 Ea (4 ea) ✓	110-Packaging 1 - Pick Kit	5167439 ✓
NAS1149F0332P	Washer	ST 262	144 Ea (144 ea) ✓	110-Packaging 1 - Pick Kit	5167104 ✓
NAS1149F0363P	Washer	ST 262	2 Ea (2 ea) ✓	110-Packaging 1 - Pick Kit	5015330 ✓
NAS1149F0432P	Washer	ST 262	4 Ea (4 ea) ✓	110-Packaging 1 - Pick Kit	5131202 ✓
NAS1149FN832P	Washer	ST 262 A (264) (263) ✓	4 Ea (4 ea) ✓	110-Packaging 1 - Pick Kit	5167594 ✓

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Packaging 1 - Pick Kit	600.0129	8	128	0
	600.0990	1	15	0
	600.0991	1	15	0
	600.1012	1	21	0
	600.1013	5	101	0
	646.2910	1	12	0
	646.3001	1	6	0
	646.3110	1	9	0
	646.3210	1	21	0
	646.3301	1	0	0
	646.3510	1	5	0
	646.3511	1	32	0
	646.3610	1	25	0
	646.3710	1	13	0
	646.3711	1	25	0
	646.3712	1	28	0
	646.3713	1	7	0
	646.3714	1	6	0
	646.3715	2	13	0
	646.3716	1	20	0
	646.3717	1	6	0
	646.3718	2	13	0
	646.3719	2	12	0
	646.3810	2	21	0
	646.3811	1	2	0
	646.3812	2	14	0
	646.3813	1	21	0
	646.3910	4	43	0
	646.3911	1	29	0
	646.3912	4	40	0
	646.3913	1	26	0
	646.9410	1	62	0
	647.0112	2	41	0
	647.7703	2	10	0
	650.9201	2	33	0
	AN3-11A	10	207	0
	AN3-12A	2	231	0
	AN3-13A	1	24	0
	AN3-3A	4	190	0
	AN3-4A	10	554	0
	AN3-5A	2	180	0
	AN3-6A	2	250	0
	AN316C4R	2	27	0
	AN44-5A	2	31	0
	AN4C7A	2	99	0
	AN665-34R	2	18	0
	CCR264SS3-02	36	516	0
	CR3213-5-3	14	187	0
	MS20426AD5-7	2	809	0
	MS20470AD5-5-5	8	857	0
	MS20470AD5-6	8	725	0
	MS20470AD5-7	3	37	0
	MS21042L08	2	500	0
	MS21042L3	63	1,860	0

MS21042L4	2	2,120	0
MS21047-3	18	221	0
MS24693-C278	5	56	0
MS24694-S51	5	312	0
MS24694-S54	2	266	0
MS24694-S55	3	234	0
MS27039-08-13	2	402	0
MS27039-1-10	2	341	0
MS27039-1-12	6	134	0
MS27039-1-16	24	884	0
MS27039-1-19	22	465	0
MS27039-1-20	2	90	0
MS27039-1-21	4	163	0
NAS1149F0332P	144	3,221	0
NAS1149F0363P	2	395	0
NAS1149F0432P	4	1,618	0
NAS1149FN832P	4	1,620	0

Part Specifications

Specifications could not be found.

Plex 6/4/19 3:03 PM Dart.lajeunesse.marie

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled		FAULT CATEGORY ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

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NOTES:

1 AFTER INSTALLATION, APPLY F/N 54 A/R TO FILL GAPS AND FILLET EDGES.

2 INSTALL F/N 14 WITH F/N 52 & 53.

3 3M VHB ADHESIVE TAPE .025" THICK X .50" WIDE
VENDOR: MCMMASTER-CARR P/N 75935A651.

4 3M TAPE PRIMER 94, APPLY TO BOTH SURFACES A/R BEFORE TAPE.
VENDOR: R.S. HUGHES P/N 021200-24216.

5 REUSE FASTENERS FROM F/N 1.

6 USE WASHERS A/R AS SHIMS TO OBTAIN BEST FITMENT.

7 AT CUSTOMERS OPTION, INSTALL F/N 65 BY MATCH DRILLING ON TO F/N 1.

8 INSTALL SHIM IF OEM PROVISIONS ARE INSTALLED ON AIRCRAFT, REMOVE SHIM LAYERS TO ACHIEVE CORRECT SIZE, MATCH DRILL HOLES. USE F/N 78 SCREW IN PLACE OF F/N 17 SCREW.

9 NEWER INSTALLATIONS ON AIRCRAFT WITH UPDATED CANOPY MAY REQUIRE DIFFERENT LENGTH SCREWS. USE F/N 62 TO REPLACE F/N 44 & F/N 26 IN PLACE OF F/N 41 WHEN NECESSARY.

UNINCORPORATED ECN(S)

05304

5	5	5	78	601.3875	SCREW	MS2039-1-10	
1	1	1	77	646.9410	SHIM	MS2039-1-10	
	4	4	76	601.2764	WASHER	MS2039-1-10	
	2	2	75	601.2973	LOCKNUT	MS2039-1-10	
	2	2	74	601.2988	SCREW	MS2039-1-10	
	2	2	73	601.2943	LOCKNUT	MS2039-1-10	
	2	2	72	601.3128	NUT	MS2039-1-10	
	2	2	71	601.3209	LOCKNUT	MS2039-1-10	
	4	4	70	601.2638	WASHER	MS2039-1-10	
	2	2	69	601.2669	BOLT	MS2039-1-10	
	2	2	68	601.3119	CLEVIS	MS2039-1-10	
	2	2	67	601.3121	EYE BOLT	MS2039-1-10	
	2	2	66	600.9201	EYE BRACKET ASSY	MS2039-1-10	
REF	REF	REF	65	647.5701	GPS MOUNT KIT	MS2039-1-10	
			64	601.3151	WASHER	MS2039-1-10	
			63	601.2911	SCREW	MS2039-1-10	
	24	24	62	601.2637	SCREW	MS2039-1-10	
2	2	2	61	601.2763	BOLT	MS2039-1-10	
	1	1	60	646.3913	SHIM	MS2039-1-10	
	4	4	59	646.3912	SHIM	MS2039-1-10	
	1	1	58	646.3911	SHIM	MS2039-1-10	
	4	4	57	646.3910	SHIM	MS2039-1-10	
	5	5	56	600.1013	PRIMER	MS2039-1-10	
	8 FT	8 FT	55	600.0129	VHB TAPE	MS2039-1-10	
	1	1	54	600.1012	SEALANT	MS2039-1-10	
	1	1	53	600.0991	MAGNIBOND 6398 PART B	MS2039-1-10	
	1	1	52	600.0990	MAGNIBOND 6398 PART A	MS2039-1-10	
6	10	10	51	601.2826	BOLT	MS2039-1-10	
			50	646.3814	WIPER BRACKET	MS2039-1-10	
		2	49	601.2910	SCREW	MS2039-1-10	
	2	2	48	601.1365	SCREW	MS2039-1-10	
	2	2	47	646.3719	DOUBLER	MS2039-1-10	
		2	46	646.3718	CUSTOM WASHER	MS2039-1-10	
		1	45	646.3717	DOUBLER	MS2039-1-10	
	22	22	44	601.1948	DOUBLER	MS2039-1-10	
	2	2	43	601.1952	SCREW	MS2039-1-10	
	4	4	42	601.1956	SCREW	MS2039-1-10	
4004	4005	4004	4003	4002	4001	FIND #	PART #
						DESCRIPTION	MATL
						SPEC.	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INCORPORATED ECN 02199, 02351, 02714 & 02785	02/08/2010	P. BRAVO
B	INCORPORATED ECN 03046, 03079 & 04793	11/04/2014	P. BRAVO
C	INCORPORATED ECN 05099	01/09/2015	P. BRAVO

		2	41	601.2829	SCREW	MS2039-1-10	
		2	40	601.2831	RIVET	MS2039-1-10	
		1	39	646.3716	GAUGE BRACKET	MS2039-1-10	
		6	38	601.1953	SCREW	MS2039-1-10	
	2	2	37	646.3715	STRUT DOUBLER	MS2039-1-10	
	2	2	36	601.2824	BOLT	MS2039-1-10	
12	36		35	601.2277	RIVET	MS2039-1-10	
6	18		34	600.0795	NUTPLATE	MS2039-1-10	
3	3		33	601.2565	RIVET	MS2039-1-10	
1	1		32	646.3813	STRUT BRACKET	MS2039-1-10	
4	4		31	601.2822	BOLT	MS2039-1-10	
2	2		30	646.3812	GUSSET BRACKET	MS2039-1-10	
8	8		29	601.2564	RIVET	MS2039-1-10	
1	1		28	646.3714	GUSSET	MS2039-1-10	
	1	1	27	646.3610	FILLER	MS2039-1-10	
	3	3	26	601.2830	SCREW	MS2039-1-10	
	2	2	25	601.2825	BOLT	MS2039-1-10	
	1	1	24	646.3811	RADIUS BLOCK	MS2039-1-10	
	1	1	23	646.3712	CLIP	MS2039-1-10	
	1	1	22	646.3711	CLIP	MS2039-1-10	
8	8		21	601.2832	RIVET	MS2039-1-10	
14	14		20	601.2020	RIVET	MS2039-1-10	
4	6	4	19	601.2823	BOLT	MS2039-1-10	
	1	1	18	601.2827	BOLT	MS2039-1-10	
	5	5	17	601.2912	SCREW	MS2039-1-10	
1	1		16	646.3713	GUSSET	MS2039-1-10	
1	1		15	646.3710	SUPPORT	MS2039-1-10	
	1	1	14	646.3710	DOUBLER	MS2039-1-10	
	1	1	13	646.3710	CHANNEL	MS2039-1-10	
14	10	8	53	601.1624	LOCKNUT	MS2039-1-10	
16	32	18	120	601.1607	WASHER	MS2039-1-10	
			10	646.3410	LH WIPER DEFLECTOR	MS2039-1-10	
			9	646.3411	RH WIPER DEFLECTOR	MS2039-1-10	
		2	8	647.7703	STRUT ASSY	MS2039-1-10	
		2	7	647.0112	STRUT BRACKET	MS2039-1-10	
	1	1	6	646.3511	STRUT	MS2039-1-10	
	1	1	5	646.3510	STRUT	MS2039-1-10	
2	2		4	646.3810	BRACKET	MS2039-1-10	
	1	1	3	646.2910	DEFLECTOR	MS2039-1-10	
	1	1	2	646.3001	LOWER CUTTER ASSY	MS2039-1-10	
	1	1	1	646.3301	UPPER CUTTER ASSY	MS2039-1-10	
X				646.4006	LOWER CUTTER TIED PROVISIONS	MS2039-1-10	
X				646.4005	LOWER CUTTER REMOVABLE PROVISIONS	MS2039-1-10	
	X			646.4004	FIXED PROVISIONS KIT	MS2039-1-10	
		X		646.4003	CABLE CUTTERS KIT WITHOUT FIXED PROVISIONS	MS2039-1-10	
			X	646.4002	AS350 WIPER DEFLECTOR KIT	MS2039-1-10	
			X	646.4001	AS350 CABLE CUTTERS KIT	MS2039-1-10	
4004	4005	4004	4003	4002	4001	FIND #	PART #
						DESCRIPTION	MATL
						SPEC.	

QTY	NEXT ASSY (S)	ORIGINAL DATE 08-27-08	DATE 08-27-08
		DRAWN BY S. HUFF	CHECKED BY P. BRAVO
		DRAWING APPROVAL P. BRAVO	
		DATE 08-27-08	
		CONTRACTING NO.	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 ANGLES ±.5°	SIZE B
		3030 ENTERPRISE CT., SUITE A, VISTA, CA 92081 (760)-724-5300	REV C
		AS350 CABLE CUTTERS KIT	
		SCALE NONE	SHEET 1 OF 5